



<Below are Minimum watch level standard and Conditions of Navigation> The Master shall decide the number of OOW(s) and rating, considering the situation. The Chief engineer shall decide the number of EOW(s) and rating, considering the situation.

Condition of Navigation	Code	Location	Personnel	Job / Task Guidance	DAY		DARK		REMARK
					G	R	G	R	
1- Ocean Passage 2- Drifting	A	BRIDGE	(OOW):	Con, Monitoring-- Traffic, Bridge equipment, Alarms Records, Navigation	1	1	1	1	<b>VISIBILITY</b> <b>G= GOOD</b> <b>R= RESTRICT</b>  <b>1 - Required</b> <b>O- Optional</b>
			Look out:	Steering and Lookout	O	1	1	1	
		ENGINE	UMS condition Or Manned condition						
			(EOW)	In Charge					
<b>1- Restricted waters:</b> - Coastal waters, Confined Water, Narrow Channel and Straits, Congested waters. High Density Traffic Water <b>2-Heavy Weather</b> (ps. refer KLQSMS-G-09 Chp5), <b>4- Ice districts and Ice            Sea</b> (ps. refer KLQSMS-G-09 Chp4), <b>5-Emergency Handling</b> Malfunction of critical Machinery or equipment <b>6- Deep Sea Pilot</b> <b>7- HRA/ Piracy/ Security            threat areas</b>	B	BRIDGE	OOW	① Con. Monitoring-- Traffic,Bridge equipment, Alarms Records	1	1	1	1	① Master shall confirm the navigation situation and, as deemed necessary, take con of the ship  ② Master or Another certified Officer  ③ OS or Other J/Off or approved Rating.  ④ Lookout- Required additional in case AB is engaged in steering. As required by Master basis Traffic, visibility etc.  ⑤ C/E or another certified Engineer  ⑥ For embarkation or disembarkation of Pilot, lookout or assist as asked by Master etc.  Electrical officer/ ETO when provided shall join to support.
			② Additional officer	Monitoring/ Assist-- Traffic,Bridge equipment, Alarms. Keep Records	1	1	1	1	
			Helmsman	Steering or Lookout	1	1	1	1	
			③ Lookout	④ Lookout	O	O	O	O	
		ENGINE ROOM	EOW	In charge duty engineer	1	1	1	1	
			⑤ Additional Engineer	Assist as required	O	O	O	O	
			Duty E/ Crew	Support	1	1	1	1	
			Add E/Crew	Assist as required	O	O	O	O	
		BRIDGE	Master	Con	1	1	1	1	
			OOW	Monitoring--Traffic, Bridge equipment, Alarms, Records, Navigation	1	1	1	1	
			Additional Member	⑥ Assist as required	1	1	1	1	
			Helmsman	Steering or Lookout	1	1	1	1	
Situations, but not limited to 1-Navigation situation upgraded from level B 2-Embarkation/ disembarkation of the pilot 3- Entering or leaving Port, 4- Anchoring  Note: Watch Level "B" can be enhanced to "C" as per MASTER's judgement w.r.t navigational and safety requirements	C	BRIDGE	③ Lookout	④ Lookout	O	O	O	O	
			Chief Engineer	In charge	1	1	1	1	
			EOW	Duty Engineer	1	1	1	1	
			Additional Engineer	Assist as required	1	1	1	1	
		ENGINE ROOM	Duty E/ Crew	Support	1	1	1	1	
			Add E/Crew	Assist as required	O	O	O	O	
			OOW	Con,	1	1	1	1	
			Helmsman	Lookout and as required	O	1	1	1	
		ENGINE ROOM	EOW	UMS or Manned as decided by C/E & Master	In Charge				
			OLR		Support				
At Anchor	D	BRIDGE	OOW	Con,	1	1	1	1	
		ENGINE ROOM	OLR		In Charge				

**Abbreviation:** (OOW)- Officer of the watch; (AB)- Able Bodied Seaman; (EOW)- Engineer of the watch; (OILER)- Oiler of the watch; (ETO)- Electro Technical officer.

**Rest Hours:-** Master can be relieved by Chief Officer and Chief Engineer can be relieved by 1AE during long hours of maneuvering, and vice versa. (Ref KLQSMS B-04-9.3.4)